

From: [MCCLINCY Matt](#)
To: [Chip Humphrey/R10/USEPA/US@EPA](#); [ANDERSON Jim M](#); [Eric Blischke/R10/USEPA/US@EPA](#)
Cc: [PARRETT Kevin](#)
Subject: RE: TCT meeting tomorrow - DEQ conference Room C;Round 3B Sediment Maps
Date: 09/25/2007 03:30 PM

Chip,

DEQ requested at the last TCT that we provide Kevin Parrett some time at the TCT tomorrow to provide an introduction to the pending proposal for the OSM bank removal/stabilization project. Kevin needs approx 15 minutes to provide the project overview. Scheduling him at 11:30 works for him. He is still working out some bugs on PowerPoint to distribute.

Please confirm that we can add Kevin to the agenda. Given his pending departure, this may be our only opportunity.

Matt

-----Original Message-----

From: Humphrey.Chip@epamail.epa.gov
[mailto:Humphrey.Chip@epamail.epa.gov]
Sent: Tuesday, September 25, 2007 3:06 PM
To: Shephard.Burt@epamail.epa.gov; Humphrey.Chip@epamail.epa.gov;
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Cc: Blischke.Eric@epamail.epa.gov
Subject: TCT meeting tomorrow - DEQ conference Room C;Round 3B Sediment Maps

All

We will have a TCT meeting tomorrow from 9am-noon @ D. Region, Conf Room C. The call in number is (Non- access code Non-).

Here are some anticipated agenda items, please let us know if you have any other items for discussion

Early Action Update
RI/FS Sampling and Laboratory Update
Document Reviews
Round 2 Comp Review Planning
September 28, 2007 meeting with LWG regarding sediment station locations (we had a placeholder for Sept 28th based on discussions at the Sept 13th meeting - see note below
Upland Update

Attached below is the LWG follow-up to our proposed Round 3 sediment locations that were discussed at the Sept 13th meeting - it includes a pdf and the portal locations of the associated GIS files. We will discuss the review of this proposal at the TCT and will need to decide if we will meet with the LWG this Friday.

----- Forwarded by Chip Humphrey/R10/USEPA/US on 09/25/2007 02:51 PM -----

"Jessica Pisano"
<jpisano@anchorenv.com>

09/25/2007 10:00 AM

To
Chip.Humphrey/R10/USEPA/US@EPA,
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Subject
FW: Round 3B Sediment Maps

Hello Chip and Eric,

See below and attached.

Regards,
Jessica

From: Nick Varnum [mailto:nvarnum@integral-corp.com]
Sent: Monday, September 24, 2007 1:22 PM
To: Jessica Pisano
Cc: Gene Revelas; Christine Hawley; John Toll; Carl Stivers;
LauraKennedy@KennedyJenks.com; Joss Moore
Subject: Round 3B Sediment Maps

Jessica, please forward to Chip and Eric and the MT.

Chip and Eric -

Please find attached a pdf version of proposed Round 3B sediment sample locations. Associated GIS files will be placed on the EPA side of the LWG Portal today under Files | GIS | 2007-09-21_R3B_Sediment_Proposed.zip. The sample categories include surface grabs, toxicity grabs, chemistry cores, geotechnical cores, and erosion cores. Both proposed surface and subsurface sample locations are shown on the maps.

Per our meeting on September 13th, we have focused our efforts on refining the samples needed for bounding potential risk areas. The

approach consisted of the following. Surface sediment chemistry and cores were reviewed in light of the EPA and LWG benthic risk models and adjusted to a spatial scale consistent with baseline risk assessment and FS objectives for potential AOPCs. In general, this resulted in a reduced sampling density and an increased spacing of samples around areas of potential risk. In addition to the adjustments made based on spatial scale considerations, toxicity samples from 10 of EPA's "Potential Data Gap" areas (areas 3A-downstream, 5D, 5H, 6B, 6G, 8C, 9C, 9D, 10K and 11A) have been excluded from the maps, along with the surface and subsurface samples used to bound these areas. With the exception of Area 11A, these areas apparently were included in the "Potential Data Gap (Rd 3B)" category based solely on the Hyalella growth line of evidence. As we have discussed, the LWG strongly believes that these stations are not technically justified, but we understand that further discussion is needed and that EPA and LWG representatives are scheduling meetings to discuss the Hyalella growth issue to resolve any related sampling needs. The toxicity-based stations that are included on the maps are ones that we accept without the need for further discussion. Area 11A was left off the maps because it falls upstream of the river mile 11 Study Area. Also, the toxicity samples previously proposed by the LWG in areas 8G, 9B, 10D and 10F have been added to the maps, based on the assessment presented in the Round 2 report that additional bioassay data are needed in those areas. The toxicity samples previously proposed by the LWG in areas 8M and 10G have not been added to the maps because the LWG believes that our identified data need can be satisfied by co-locating those samples with EPA-proposed toxicity stations.

The LWG appreciates all of the efforts of the EPA team and is looking forward to finalizing the sediment sampling program.

A guide to the GIS files is shown below:

Shapefile Name	Layer	Description
Proposed samples		
Chemistry_Core.shp	Chemistry Core.lyr	Proposed chemistry cores
Erosion_Core.shp	Erosion Core.lyr	Proposed erosion chemistry cores
Geotechnical_Cores.shp	Geotechnical Core.lyr	Proposed Geotechnical cores (no chemistry)
Surface_Grab.shp	Surface Grab.lyr	Proposed sediment chemistry surface samples
LWG_Toxicity.shp	LWG Toxicity.lyr	Proposed LWG Toxicity samples
Toxicity_Grab.shp	Toxicity Grab.lyr	Proposed EPA Toxicity Samples
Existing Samples		
Existing_Cores.shp	Existing Cores.lyr	Existing subsurface sample locations
Existing_Grabs.shp	Existing Grabs.lyr	Existing surface sample locations
R3a_Cores.shp	R3a Cores.lyr	Existing Round 3a subsurface sample locations
R3a_Grabs.shp	R3a Grabs.lyr	Existing Round 3a surface sample locations
Additional Information		
Flood_1996.shp	1996 Flood Bed Change.lyr	1996 flood bed change model
LRM_predict.shp	LRM Prediction.lyr	LWG LRM predictive model
LRM_Tox_test.shp	LRM Toxicity Test.lyr	LWG Toxicity tests

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(See attached file: 2007-09-21_R3B_Sediment_Proposed.pdf)